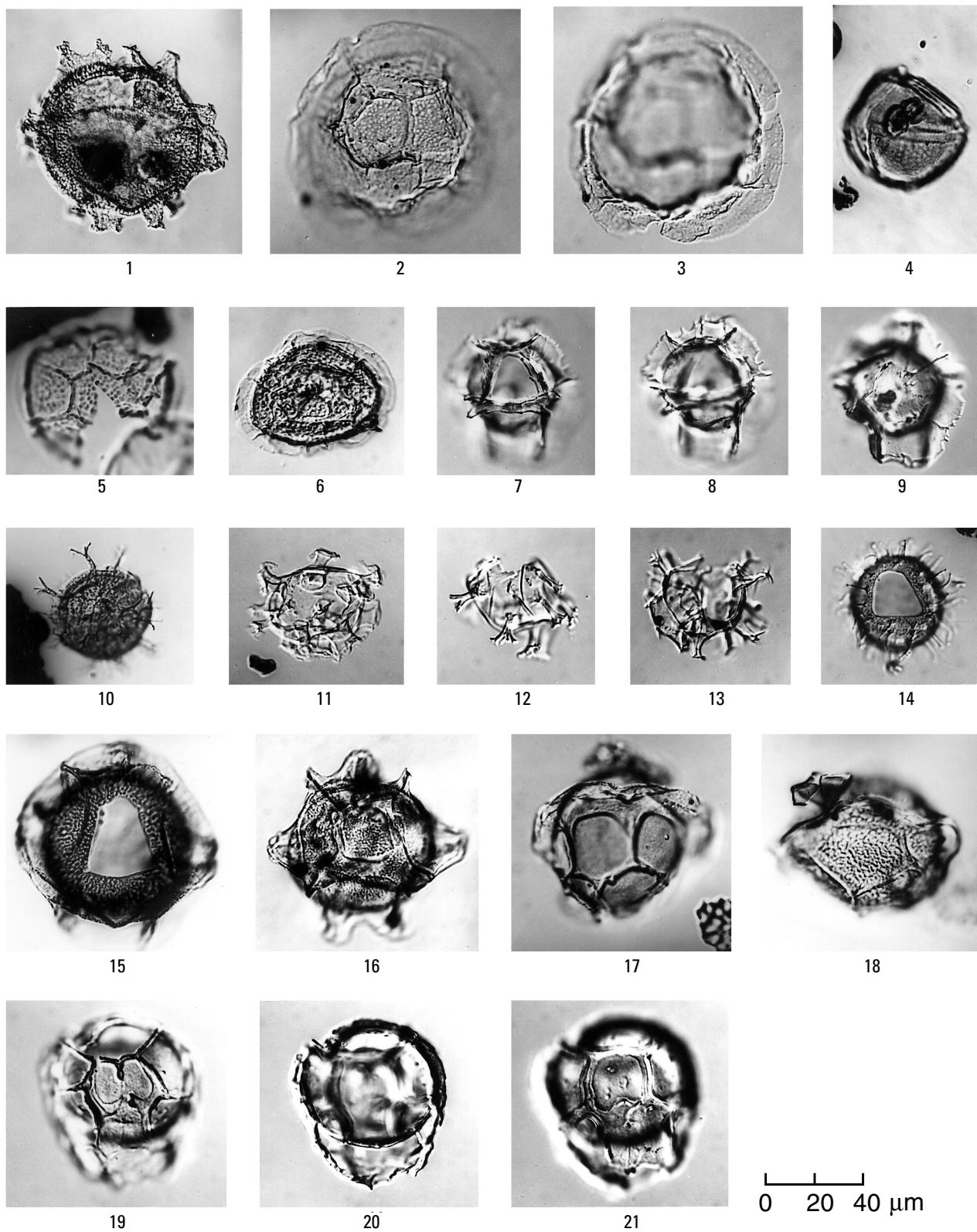


PLATE 3

[All specimens are from Screven and Burke Counties, Georgia]

- Figure 1. *Hafniaspheara goodmani* Edwards, Thompson Oak core (255 ft), Fourmile Branch Formation, Burke County, Ga., dorsal view of dorsal surface ($\times 400$).
2, 3. *Heteraulacacysta porosa* Bujak, Thompson Oak core (138 ft), Santee Limestone, Burke County, Ga., antapical views; 2, antapex; 3, optical section ($\times 400$).
4. *Millioudodinium* sp. I of Edwards (1984), McBean core (181 ft), Santee Limestone, Burke County, Ga., left-lateral view, upper focus ($\times 400$).
5. *Heteraulacacysta pustulosa* Jan du Chêne & Adediran, McBean core (181 ft), Santee Limestone, Burke County, Ga., interior view of hypocyst ($\times 400$).
6. *Heteraulacacysta* Drugg & Loeblich sp., Millhaven core (346 ft), Santee Limestone, Screven County, Ga., apical view, midfocus ($\times 400$).
7–9. *Hystrichosphaeropsis* Deflandre n. sp. A, Thompson Oak core (138 ft), Santee Limestone, Burke County, Ga., dorsal views; 7, dorsal surface; 8, optical section; 9, ventral surface ($\times 400$).
10. *Hafniaspheara septata* (Cookson & Eisenack) Hansen, Girard core (517.9–518.1 ft), Ellenton Formation, Burke County, Ga., orientation uncertain, upper focus ($\times 400$).
11. *Homotryblium abbreviatum* Eaton, Thompson Oak core (269 ft), Fourmile Branch Formation, Burke County, Ga., oblique exterior view of hypocyst ($\times 400$).
12. *Homotryblium pectilum* Drugg & Loeblich, Girard core (211.1–211.3 ft), Barnwell unit, Burke County, Ga., exterior view of hypocyst ($\times 400$).
13. *Hystrichostrogylon membraniphorum* Agelopoulos, Thompson Oak core (174 ft), Santee Limestone, Burke County, Ga., orientation uncertain, midfocus ($\times 400$).
14. *Operculodinium centrocarpum* (Deflandre & Cookson) Wall, Millhaven core (466 ft), Congaree Formation, Screven County, Ga., dorsal view of dorsal surface ($\times 400$).
15. *Pentadinium favatum* Edwards, Millhaven core (473.5 ft), Congaree Formation, Screven County, Ga., dorsal view of dorsal surface ($\times 400$).
16. *Pentadinium goniferum* Edwards, Millhaven core (346 ft), Santee Limestone, Screven County, Ga., dorsal view of dorsal surface ($\times 400$).
17. *Pentadinium laticinctum* Gerlach subsp. *laticinctum*, Millhaven core (210 ft), Barnwell unit, Screven County, Ga., oblique left-lateral view, upper focus ($\times 400$).
18. *Pentadinium laticinctum* Gerlach (verm.) Millhaven core (210 ft), Barnwell unit, Screven County, Ga., oblique right-lateral view, upper focus ($\times 400$).
19–21. *Pentadinium* Gerlach n. sp. D, Thompson Oak core (164 ft), Santee Limestone, Burke County, Ga., apical views; 19, apex; 20, optical section; 21, antapex ($\times 400$).



*HAFNIASPHAERA, HETERAULACACYSTA, MILLIOUDODINIUM, HYSTRICHOSPHAEROPSIS, HOMOTRYBLIUM,
HYSTRICHOSTROGYLON, OPERCULODINIUM, AND PENTADINIUM*